

Software Design Document

for

Version 1.0

Prepared by

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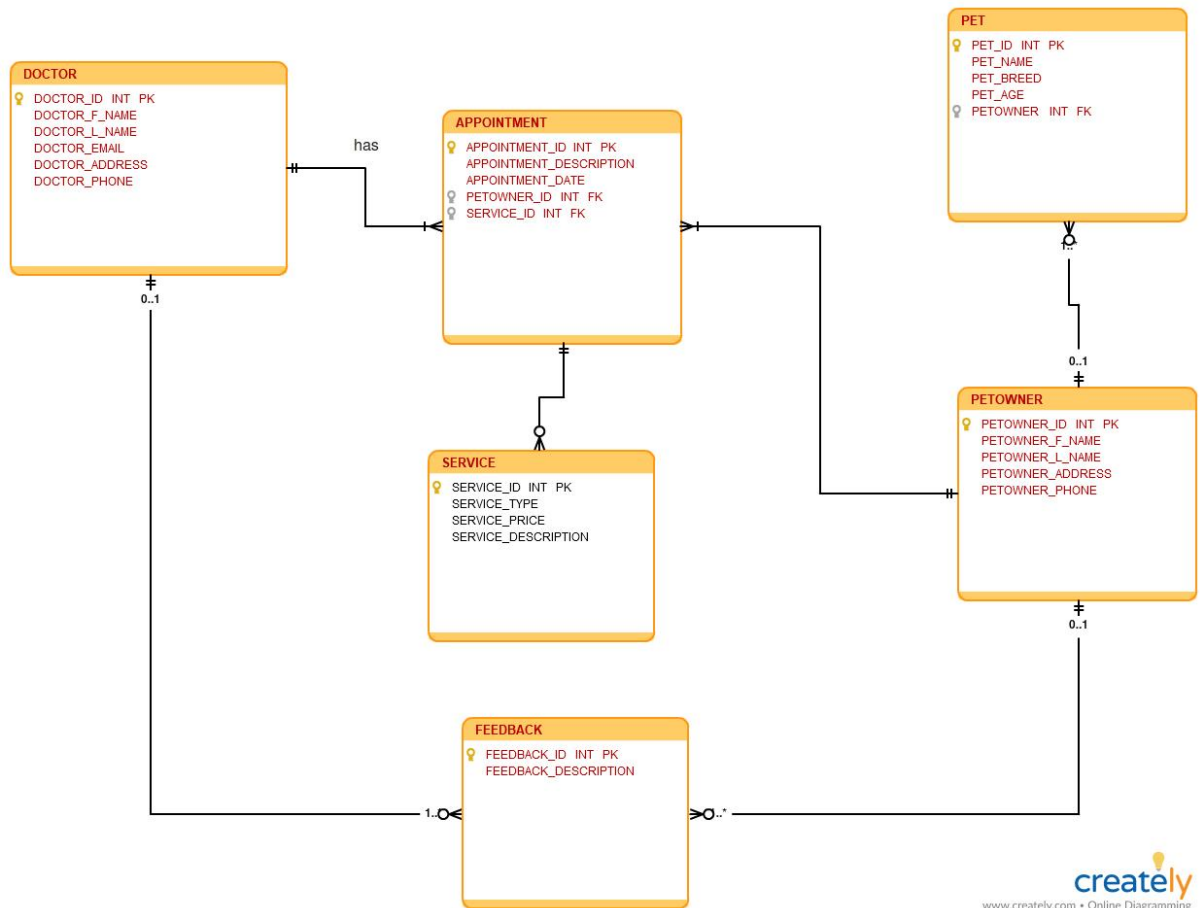
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4. DATA DESIGN

4.1 Data Description

There is one database in this application. The database consists of 6 tables: "PetOwner", "Feedback", "Appointment", "Service", "Pet", "Doctor".



4.2 Data Dictionary

	Field	Type	NULL
Doctor	DOCTOR_ID	int(11)	NO
	DOCTOR_F_NAME	nvarchar(100)	NO
	DOCTOR_L_NAME	nvarchar(100)	NO
	DOCTOR_Address	nvarchar(100)	NO
	DOCTOR_PHONE	nvarchar(100)	NO
Feedback	Feedback_ID	INT(11)	NO
	FEEDBACK_Description	nvarchar(100)	NO
Appointment	APPOINTMENT_ID	INT(11)	NO
	APPOINTMENT_Descripti on	nvarchar(100)	NO
	APPOINTMENT_Date	TIMESTAMP	NO
	PETOWNER_ID	INT(11)	NO
	SERVICE_ID	INT(11)	NO
Service	SERVICE_ID	INT(11)	NO
	SERVICE_Type	nvarchar(100)	NO
	SERVICE_Price	nvarchar(100)	NO
	SERVICE_Description	nvarchar(100)	NO
Pet	PET_ID	INT(11)	NO
	PET_Name	nvarchar(100)	NO
	PET_Breed	nvarchar(100)	NO
	PET_Age	nvarchar(100)	NO
	PETOWNER_ID	INT(11)	NO
Petowner	PETOWNER_ID	INT(11)	NO
	PETOWNER_F_NAME	nvarchar(100)	NO
	PETOWNER_L_NAME	nvarchar(100)	NO
	PETOWNER_ADDRESS	nvarchar(100)	NO
	PETOWNER_PHONE	nvarchar(100)	NO

6. HUMAN INTERFACE DESIGN

6.1 Overview of User Interface

As the web application is launched, any user should see the home page that provides the landing page as seen in fig 1 – the first page contains a welcome page and 2 buttons for register – choosing one type of user: register pet owner or register doctor. Also contains images and description about the website , and contains a log-in button for users. Without an account, the users can see the first page , the contact page and another page with information about the website. With account for example the pet owner can see the appointment page and can add a feedback

If the user is not accessing our platform for the first time then it should click the 'Login' button from the Home page and be redirected to the User Login page. Here the user should provide only the email and password to be able to login to his/her account. A snippet for the Login page is presented in Fig 2.

If the user is using the platform for the first time then he/she should click on the button "Register now" in order to create an account for this platform. After clicking the button, he should be redirected to the Registration page. Here will be provided functionalities to require the necessary data for creating an account. The user will be asked to provide the Name, e-mail, phone number, address.

The user can hold multiple appointments and he/she can also delete it or change it and the user interface should look like in fig 3. If the pet owner wants to delete the appointment, he/she needs to confirm that he wants to cancel the appointment.

The user can also give feedback about the clinic in the feedback page. Also the feedback page contains images and description about the doctors that work at the vet clinic.

User interface share following qualities or characteristics:

Clarity: The interface avoids ambiguity by making everything clear through language, flow, hierarchy and metaphors for visual elements.

Responsiveness: This means a couple of things. First, responsiveness means speed: a good interface should not feel sluggish. Secondly, the interface should provide good feedback to the user about what's happening and whether the user's input is being successfully processed.

Aesthetics: While you don't need to make an interface attractive for it to do its job, making something look good will make the time your users spend using your application more enjoyable; and happier users can only be a good thing.

Efficiency: Time is money, and a great interface should make the user more productive through shortcuts and good design.

6.2 Screen Images

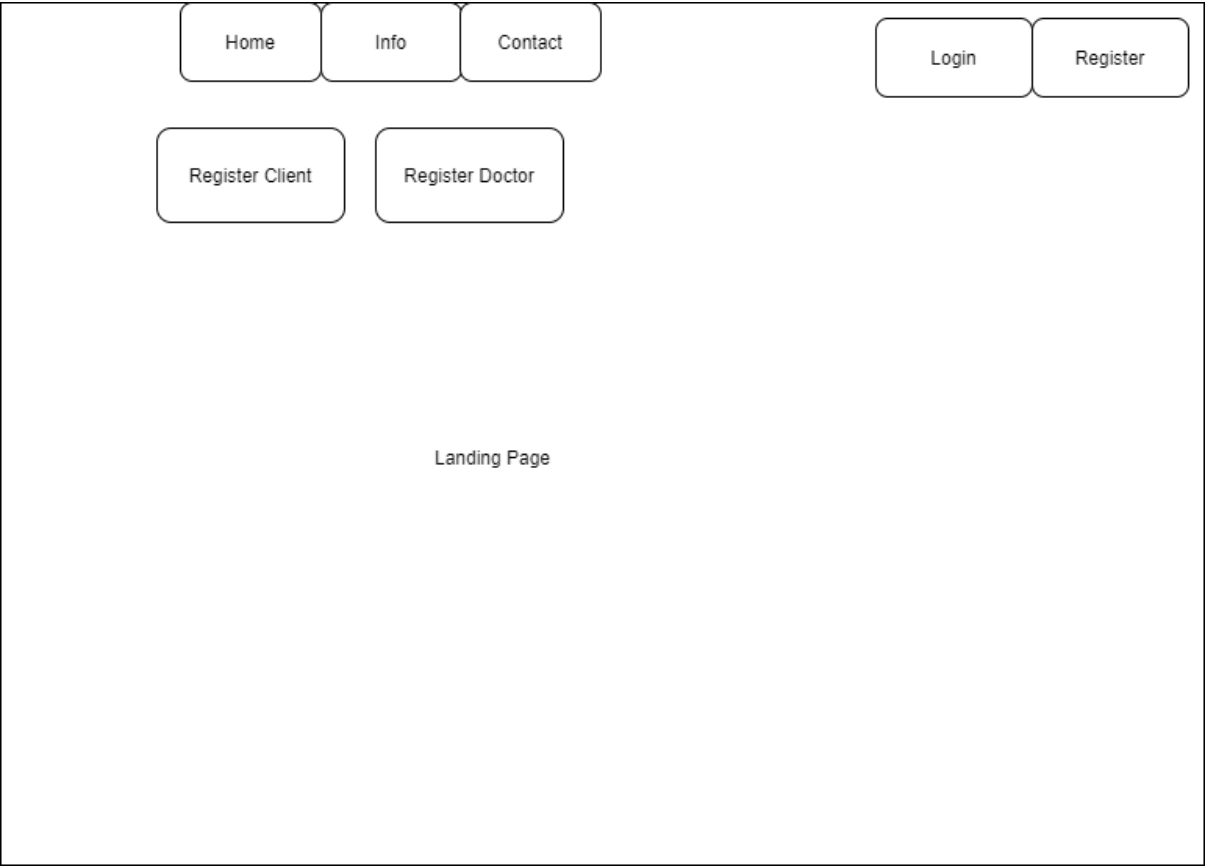


Fig1 The Landing Page

HomeInfoContact

LoginRegister

email

confirm email

name

password

phone

Register Doctor

Creating an Account

Fig2 Create an account/Login page

HomeInfoContact

LoginRegister

Add an appointment Page

Add an appointment

Appointment

Appointment

Delete the appointment

Edit the appointment

Delete the appointment

Edit the appointment

Fig 3 Appointments page

HomeInfoContact

LoginRegister

Date and Time

Type of the appointment

Name

Phone

Submit

Adding an appointment Page

Fig 4 Add an appointments page

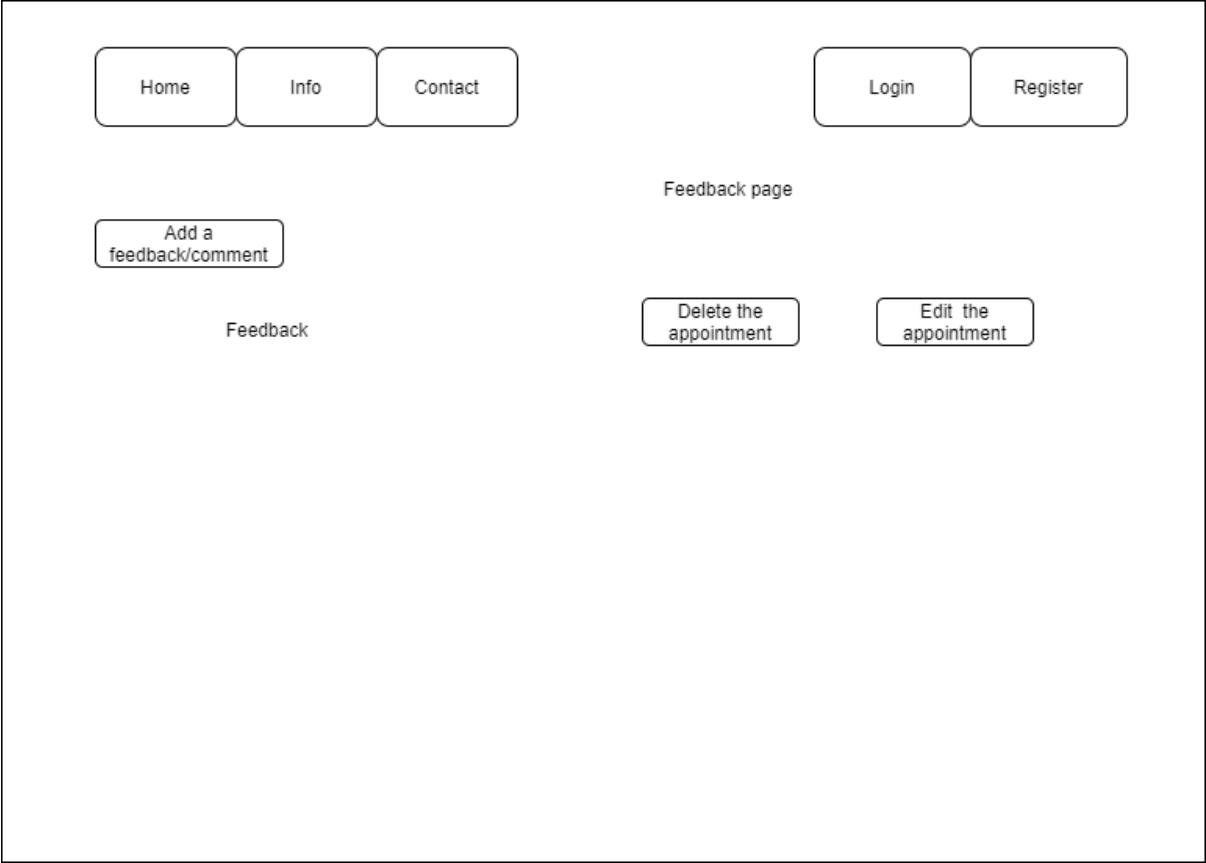


Fig4 Feedback page

7. REQUIREMENTS MATRIX

Requirements traceability matrix						
Project Name: Healthvet website						
User	User	Functional	Functional	System	Priority	Test Case ID#

Class ID#	Class Name	Requirements ID#	Requirements Name/Use Case	Component		
UC_1	PetOwner User	1.1	User Registration	Login/Register	High	#TC001
		1.2	PetOwner Login	Login/Register	High	#TC002
		1.3	PetOwner makes an appointment	Appointment Module	High	#TC003
		1.4	Pet owner deletes or modifies an appointment	Appointment Module	High	#TC004
		1.5	Pet owner adds a feedback	About Module	High	#TC005
UC_2	Doctor User	2.1	Doctor registration	Login/Register	High	#TC006
		2.2	Doctor login	Login/Register	High	#TC007

		2.3	Doctor approves the petowner's(user) appointment	Appointment Module	High	#TC008
		2.4	Doctor deleting or modify an appointment	Appointment Module	High	#TC009
		2.5	Doctor adds/deletes/modifies a service	Service Module	High	#TC010